

# Tang Yusheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5170675/publications.pdf>

Version: 2024-02-01

35  
papers

1,802  
citations

304743

22  
h-index

361022

35  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1790  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Shield by SiBCN Ceramic: A Promising High-Temperature Electromagnetic Wave-Absorbing Material with Oxidation Resistance. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 39307-39318.	8.0	181
2	Hierarchically porous silicon-carbon-nitrogen hybrid materials towards highly efficient and selective adsorption of organic dyes. <i>Scientific Reports</i> , 2015, 5, 7910.	3.3	144
3	Preparation and properties of cyanate-based wave-transparent laminated composites reinforced by dopamine/POSS functionalized Kevlar cloth. <i>Composites Science and Technology</i> , 2019, 169, 120-126.	7.8	128
4	Polymer matrix wave-transparent composites: A review. <i>Journal of Materials Science and Technology</i> , 2021, 75, 225-251.	10.7	128
5	Fabrication and investigations on the polydopamine/KH-560 functionalized PBO fibers/cyanate ester wave-transparent composites. <i>Composites Communications</i> , 2018, 8, 36-41.	6.3	113
6	Ultralow dielectric, fluoride-containing cyanate ester resins with improved mechanical properties and high thermal and dimensional stabilities. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6929-6936.	5.5	106
7	Synchronously improved dielectric and mechanical properties of wave-transparent laminated composites combined with outstanding thermal stability by incorporating isozyme/POSS functionalized PBO fibers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7652-7660.	5.5	97
8	Hyperbranched polyborosilazane and boron nitride modified cyanate ester composite with low dielectric loss and desirable thermal conductivity. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2017, 24, 784-790.	2.9	93
9	Improved wave-transparent performances and enhanced mechanical properties for fluoride-containing PBO precursor modified cyanate ester resins and their PBO fibers/cyanate ester composites. <i>Composites Part B: Engineering</i> , 2019, 178, 107466.	12.0	84
10	Highly Efficient Electromagnetic Wave Absorbing Metal-Free and Carbon-Rich Ceramics Derived from Hyperbranched Polycarbosilazanes. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24774-24785.	3.1	78
11	Ultraflexible, highly efficient electromagnetic interference shielding, and self-healable triboelectric nanogenerator based on Ti <sub>3</sub> C <sub>2</sub> T MXene for self-powered wearable electronics. <i>Journal of Materials Science and Technology</i> , 2022, 100, 1-11.	10.7	67
12	Hybrid Polymer Membrane Functionalized PBO Fibers/Cyanate Esters Wave-Transparent Laminated Composites. <i>Advanced Fiber Materials</i> , 2022, 4, 520-531.	16.1	67
13	Synergic Effect of Acrylate Liquid Rubber and Bisphenol A on Toughness of Epoxy Resins. <i>Polymer Bulletin</i> , 2008, 60, 229-236.	3.3	54
14	Fluorine/adamantane modified cyanate resins with wonderful interfacial bonding strength with PBO fibers. <i>Composites Part B: Engineering</i> , 2020, 186, 107827.	12.0	52
15	Study on modification of epoxy resins with acrylate liquid rubber containing pendant epoxy groups. <i>Journal of Materials Science</i> , 2006, 41, 1639-1641.	3.7	51
16	Advanced Aromatic Polymers with Excellent Antiatomic Oxygen Performance Derived from Molecular Precursor Strategy and Copolymerization of Polyhedral Oligomeric Silsesquioxane. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20144-20155.	8.0	47
17	Highly efficient and broad electromagnetic wave absorbers tuned via topology-controllable metal-organic frameworks. <i>Science China Materials</i> , 2020, 63, 2050-2061.	6.3	45
18	Facile functionalization strategy of PBO fibres for synchronous improving the mechanical and wave-transparent properties of the PBO fibres/cyanate ester laminated composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 150, 106622.	7.6	29

#	ARTICLE	IF	CITATIONS
19	Cyanate ester resins toughened with epoxy-terminated and fluorine-containing polyaryletherketone. <i>Polymer Chemistry</i> , 2021, 12, 3753-3761.	3.9	29
20	Mechanical and shape memory behavior of chemically cross-linked SBS/LDPE blends. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	27
21	Autogenous growth of the hierarchical V-doped NiFe layer double metal hydroxide electrodes for an enhanced overall water splitting. <i>Dalton Transactions</i> , 2020, 49, 11217-11225.	3.3	26
22	Optimization of PBO fibers/cyanate ester wave-transparent laminated composites via incorporation of a fluoride-containing linear interfacial compatibilizer. <i>Composites Science and Technology</i> , 2021, 210, 108838.	7.8	24
23	Fabrication of novel wave-transparent HMPBO fibre/BADCy laminated composites. <i>RSC Advances</i> , 2015, 5, 37768-37773.	3.6	23
24	UV etched random copolymer membrane coated PBO fibers/cyanate ester wave-transparent laminated composites. <i>Composites Part B: Engineering</i> , 2021, 212, 108680.	12.0	21
25	Preparation of POSS/Quartz fibers/cyanate ester resins laminated composites. <i>Polymer Composites</i> , 2015, 36, 2017-2021.	4.6	20
26	Cyanate ester resins with superior dielectric, mechanical, and flame retardance properties obtained by introducing a fluorinated hyperbranched polyaryletherketone. <i>Polymer Chemistry</i> , 2022, 13, 2484-2494.	3.9	16
27	Enhanced surface property of HMPBO fibers by using $\beta$ -aminopropyl triethoxy silane. <i>Fibers and Polymers</i> , 2012, 13, 1249-1253.	2.1	12
28	Synthesis and characterisation of reactive liquid crystals containing an azo group. <i>Liquid Crystals</i> , 2014, 41, 36-43.	2.2	9
29	Calcia-doped ceria hybrid coating functionalized PBO fibers with excellent UV resistance and improved interfacial compatibility with cyanate ester resins. <i>Applied Surface Science</i> , 2021, 569, 151124.	6.1	9
30	Structures and properties of HMPBO fibers treated by oxygen plasma/polyhedral oligomeric silsesquioxane. <i>Polymer Composites</i> , 2013, 34, 2026-2030.	4.6	7
31	Synthesis and properties of reactive liquid crystal monomers and side-chain liquid crystalline polymers. <i>Liquid Crystals</i> , 2013, 40, 546-554.	2.2	4
32	Short glass fiber reinforced radiation crosslinked shape memory SBS/LLDPE blends. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	4
33	Fabrication and properties of BADCy modified by epoxy-capped polyhedral oligomeric silsesquioxane. <i>Journal of Elastomers and Plastics</i> , 2016, 48, 182-191.	1.5	3
34	Amphiphilic Asymmetric Diblock Copolymer with pH-Responsive Fluorescent Properties. <i>ACS Macro Letters</i> , 2021, 10, 1346-1352.	4.8	3
35	Synthesis and Properties of Reactive Liquid Crystal Monomers. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 575, 40-48.	0.9	1